

TABLE I

Input Power	Output Power	D-32 (D1)	Q-31 (Q1)	D-34 (D2)	Q-33 (Q2)	D-38 (D3)	Q-37 (Q3)	D-40 (D4)	Q-39 (Q4)	Cap-35 (C1)	Cap-36 (C2)
pos 1/2	pos 1/2	fwd bias	off	fwd bias	on (pulsed)	rev bias	on (pulsed)	rev bias	off	charging/dis-charging	holding
neg 1/2	pos 1/2	rev bias	off	rev bias	on (pulsed)	fwd bias	on (pulsed)	fwd bias	off	dis-charging	charging
pos 1/2	neg 1/2	fwd bias	on (pulsed)	fwd bias	off	rev bias	off	rev bias	on (pulsed)	charging/dis-charging	dis-charging
neg 1/2	neg 1/2	rev bias	on (pulsed)	rev bias	off	fwd bias	off	fwd bias	on (pulsed)	holding	charging